

IN THE CLAIMS:

1. (Currently Amended) A variable vibrator mechanism comprising:
~~two first members a first member and a second member arranged telescopically with a second member one another,~~
wherein said first members each have member has a first eccentric weight and said second member has a second eccentric weight,
wherein said first members and said second member ~~members~~ are adapted to be engaged with one another, such that the rotational displacement between said first eccentric weights ~~weight~~ and said second eccentric weight may be varied by varying the longitudinal displacement between said first members and second member ~~members~~.
2. (Currently Amended) A variable vibrator mechanism as claimed in claim 1, wherein one of said first members and second member are members is adapted to receive the other of said first members and second member ~~members~~.
3. (Currently Amended) A variable vibrator mechanism as claimed in claim 1 ~~any preceding claim~~, wherein said first members and second member ~~members~~ are threadably engaged with one another.
4. (Currently Amended) A variable vibrator mechanism as claimed in claim 3 ~~any preceding claim~~, wherein said second member has two oppositely cut threaded portions to engage said first members. ~~first and second members are cylindrical.~~
5. (Currently Amended) A variable vibrator mechanism as claimed in claim 1 ~~any preceding claim~~, wherein said first members and second member are cylindrical. ~~the vibrator mechanism comprises two first members arranged telescopically with said second member,~~
~~wherein said two first members and said second member are adapted to be engaged with one another, such that the rotational displacement between said first eccentric weights~~

and said second eccentric weight may be varied by varying the longitudinal displacement between said first members and said second member.

6. (Currently Amended) A variable vibrator mechanism as claimed in claim 1any preceding claim, wherein further comprising means for telescopically displacing said first and second members.

7. (Original) A variable vibrator mechanism as claimed in claim 6, wherein the means for telescopically displacing said first and second members is a hydraulic ram.

8. (Currently Amended) A variable vibrator mechanism as claimed in claim 1any preceding claim, wherein said vibrator mechanism comprises a plurality of pairs of first and second members, wherein each pair of first and second members are arranged telescopically with one another.

9. (Currently Amended) A vibrating screen machine including a variable vibrator mechanism according to claim 1any of claims 1 to 8.

10. (Currently Amended) A vibrating feeder machine including a variable vibrator mechanism according to claim 1any of claims 1 to 8.